



Norbro Series 40R & 33 Actuator

Identification Chart

FIELD A SIZE

DIGITS 1 & 2			
05	Norbro Actuator	30	Norbro Actuator
10	Norbro Actuator	33	Norbro Actuator
15	Norbro Actuator	35	Norbro Actuator
20	Norbro Actuator	40	Norbro Actuator
25	Norbro Actuator	42	Norbro Actuator

FIELD C PRODUCT SERIES

DIGITS 7 & 8	
40	40R Series female drive 33
33	Series male drive 180°

FIELD E VARIATIONS

DIGIT 14 - PINION		
CODE	BOTTOM	TOP
E	Female Norbro square	Namur slot/tapping
N	Star Drive (DIN/ISO)	Namur slot/tapping

DIGIT 15 - STANDARD OPTIONS	
0	If not used
H	Hydraulic

DIGIT 17 - REVISION	
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A			B			C			D				E			
SIZE		—	ROTATION	BODY	FUNCTION	PRODUCT SERIES		—	FINISH	TEMPERATURE	INLET ENDCAP	SWITCH ENDCAP	PINION DRIVE	STANDARD OPTIONS	—	REVISION
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

FIELD B VARIATIONS

DIGIT 4 - ROTATION	
R	40R - Limit stop 96° / Non limit stop 92° 33R - 180°

DIGIT 5 - BODY	
D	Standard (includes DIN/ISO location ring Namur top mounting pattern, metric tappings)
K	As D without ISO/DIN location ring

DIGIT 6 - FUNCTION	
A	Double acting
B	Spring return 10 springs
C	Spring return 8 springs
D	Spring return 6 springs
E	Spring return 4 springs
F	Spring return 2 springs (05 only)

FIELD D VARIATIONS

DIGIT 10 -FINISH	
1	Standard gold body / black end caps-anodised
2	Epoxy coated

DIGIT 11 - TEMPERATURE	
S	Standard -20°C to +100°C
H	High temperature -20°C to +150°C
L	Low temperature -40°C to 85°C

DIGIT 12 - INLET ENDCAP (05 MANIFOLD)	
A	Standard Namur pattern NPT Ports
D	Standard Namur pattern BSPP Ports
K	Access (US)
S	Special large port

DIGIT 13 - SWITCH/LIMIT STOP ENDCAP	
1	Metric tapping for J-Switch switchbox
B	Blank
0	05 Actuators (Blank endcaps)
M	Metric limit stops 10 to 35
T	Metric limit stops 40 and 42